



Reference: 002266

May 24, 2005

Kasey Ashley
California Regional Water Quality Control board, North Coast Region
5550 Skylane, Boulevard, Suite A
Santa Rosa, CA 95403

**Subject: Monitoring Well GP-02A Results, Semiannual Monitoring Report, Spring
2005-Areas 1, 5/6, and 7, Former Simpson Eureka Plywood Mill, 1200 West Del
Norte Street, Eureka, California; Case No. 1NHU103**

Dear Ms. Ashley:

The attached results are part of the Semiannual Monitoring (Spring 2005) for the Former Simpson Eureka Plywood Mill, located in Eureka, California. The Spring 2005 semiannual monitoring report for the site was submitted to the California Regional Water Quality Control Board, North Coast Region on March 31, 2005. Monitoring well GP-02A was omitted from monitoring activities conducted at the site on February 9, 2005. This report was prepared by SHN Consulting Engineers & Geologists, Inc. (SHN) on behalf of the Simpson Timber Company.

Groundwater monitoring well GP-02A was purged and sampled on April 19, 2005. Groundwater samples were collected and analyzed for Tetrachlorophenol (TCP) and Pentachlorophenol (PCP) in general accordance with Canadian Pulp Method. The analytical results identified no detectable concentrations of TCP or PCP above laboratory method detection limits. Field notes and analytical laboratory data are contained in Attachment 1. The historic data for well GP-02A will be updated and included in the next semiannual monitoring report prepared for the site (Fall 2005).

If you have any questions please call me at 707-441-8855.

Sincerely,

SHN Consulting Engineers & Geologists, Inc.

Frans B. Lowman, R.G.
Senior Project Hydrologist

FBL/EJN:med

Attachments: 1. Field Notes and Laboratory Analytical Report





**NORTH COAST
LABORATORIES LTD.**

REC'D APR 29 2005

April 28, 2005

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Attn: Erik Nielsen

RE: 002266, Eureka Plywood

Order No.: 0504323

Invoice No.: 49735

PO No.:

ELAP No. 1247-Expires July 2006

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	GP-02A

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s)

QA Unit

Jesse G. Chaney, Jr.
Laboratory Director

Date: 28-Apr-05
WorkOrder: 0504323

ANALYTICAL REPORT

Client Sample ID: GP-02A
Lab ID: 0504323-01A

Received: 4/14/05

Collected: 4/13/05 14:05

Test Name: Penta- and Tetrachlorophenol

Reference: Canadian Pulp Report

<u>Parameter</u>	<u>Result</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Tetrachlorophenol	ND	1.0	µg/L	1.0	4/19/05	4/27/05
Pentachlorophenol	ND	0.30	µg/L	1.0	4/19/05	4/27/05
Surrogate: Dibromophenol	93.4	69.7-119	% Rec	1.0	4/19/05	4/27/05



North Coast Laboratories, Ltd.

Date: 28-Apr-05

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0504323
Project: 002266, Eureka Plywood

QC SUMMARY REPORT

Method Blank

Sample ID: MB-13352	Batch ID: 13352	Test Code: PCPTW	Units: µg/L	Analysis Date: 4/27/05 5:45:54 PM		Prep Date: 4/19/05					
Client ID:	Run ID:	ORG4_050427B		SeqNo: 501757							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	ND	1.0									
Pentachlorophenol	ND	0.30									
Dibromophenol	5.05	0.10	5.00	0	101%	70	119	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 28-Apr-05

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0504323
Project: 002266, Eurcka Plywood

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: LCS-13352		Batch ID: 13352		Test Code: PCPTW		Units: µg/L		Analysis Date: 4/27/05 6:07:45 PM		Prep Date: 4/19/05	
Client ID:		Run ID: ORGC4_050427B		SeqNo: 501758							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.792	1.0	5.00	0	95.8%	78	111	0			
Pentachlorophenol	1.448	0.30	1.50	0	96.5%	85	132	0			
Dibromophenol	4.81	0.10	5.00	0	96.2%	70	119	0			

Sample ID: LCSD-13352		Batch ID: 13352		Test Code: PCPTW		Units: µg/L		Analysis Date: 4/27/05 6:29:47 PM		Prep Date: 4/19/05	
Client ID:		Run ID: ORGC4_050427B		SeqNo: 501759							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.899	1.0	5.00	0	98.0%	78	111	4.79	2.21%	15	
Pentachlorophenol	1.484	0.30	1.50	0	98.9%	85	132	1.45	2.47%	15	
Dibromophenol	5.35	0.10	5.00	0	107%	70	119	4.81	10.7%	15	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank



CONSULTING ENGINEERS & GEOLOGISTS, INC.

480 Hemsted Drive • Redding, CA 96002 • Tel: 530.221.5424 • FAX: 530.221.0135 • E-mail: shninfo@shn-redding.com
812 W. Wabash • Eureka, CA 95501 • Tel: 707.441.8855 • FAX: 707.441.8877 • E-mail: shninfo@shn-engr.com

DAILY FIELD REPORT

JOB NO

002266

Page of

DAILY FIELD REPORT SEQUENCE NO

PROJECT NAME

Eureka Plywood

CLIENT/OWNER

Simpson Reseal Company

GENERAL LOCATION OF WORK

Eureka, CA

OWNER/CLIENT REPRESENTATIVE

Rob Ricci

DATE

3/13/05

DAY OF WEEK

Wed.

TYPE OF WORK

Sampling

WEATHER

Rain

PROJECT ENGINEER/ SUPERVISOR

SOURCE & DESCRIPTION OF FILL MATERIAL

KEY PERSONS CONTACTED

TECHNICIAN

Dustin Tibbets

DESCRIBE EQUIPMENT USED FOR HAULING, SPREADING, WATERING, CONDITIONING, & COMPACTING

1310 On site, open up GP-02A, taking water level and DO reading.
1329 Pumping GP-02A with a disposable bailer. All pump water was caught in 5gal buckets.
1405 Sampled GP-02A with its bailer. Lock up well GP-02A
1410 Clean and loaded up.
1420 Off site.

COPY GIVEN TO:

REPORTED BY:

Dustin Tibbets



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-engr.com

EQUIPMENT CALIBRATION SHEET

Name: Dustin Tibbets

Project Name: Eureka Plywood

Reference No.: 002266

Date: 4/13/05

Equipment: ☒ pH & EC ☐ PID ☐ GTCO₂ ☐ GTLEL
☐ Turbidity ☒ Other Dissolved Oxygen meter

Description of Calibration Procedure and Results:

pH & EC meter calibrated using a 2 buffer method
with a pH 7.00 and 4.01, meter was set exactly to
7.00 and 4.01 and conductivity was set at 700 umhos.

DO meter is self calibrating with the
Altimeter set at 0.



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-engr.com

Water Sampling Data Sheet

Project Name: <u>Eureka Plywood</u>	Date/Time: <u>4/13/05</u>
Project No.: <u>002266</u>	Sampler Name: <u>Dustin Tibbets</u>
Location: <u>Eureka Ca.</u>	Sample Type: <u>water</u>
Well #: <u>GP-02A</u>	Weather: <u>Rain</u>
Hydrocarbon Thickness/Depth (feet): _____	Key Needed: <u>Dolphin</u>

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
<u>5.20</u>	-	<u>2.32</u>	=	<u>2.88</u>	x		=	<u>.46 X 3 = 1.38</u>

Time	DO (ppm)	CO ₂ (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1329	1.60						0	
1334		*	07				.25 gal	
1359	No flow			2030	62.6°	5.98	.50 gal	
1346	Ther cell.			2000	61.3°	6.08	1 gal.	empty
1359				1989	60.6°	6.12	1.10 gal.	empty

Purge Method: BoilerTotal Volume Removed: 1.10 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
<u>GP-02A</u>	<u>1</u>	<u>NA</u>	<u>NCL</u>	<u>PCP/TCP</u>

Well Condition:

Remarks: * would not turn pink at 500 +
Recharge to 4.91 at sample time. 1405

Chain of Custody

P. 1 of 1

[illegible]

***MATRIX:** DW=Drinking Water; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT